Mini-Size Single Window Single Mode Fused Coupler

Features
Low excess loss &low IL Low PDL High stability and reliability
Application
Optical communication systems CATV FTTH/PON

Specifications:

Parameter		Grade P	Grade A
Operating wavelength (nm)		1310+/-15 or 1550+/-15	
Typical excess loss (dB)		0.07	0.10
Insertion loss (dB)	50/50	≤3.5	≤3.7
	40/60	≤4.5/2.7	≤4.8/2.9
	30/70	≤5.8/2.0	≤6.1/2.1
	20/80	≤7.7/1.25	≤8.0/1.3
	10/90	≤11.2/0.7	≤11.8/0.85
	5/95	≤14.5/0.45	≤15.0/0.55
	2/98	≤18.5/0.3	≤19.2/0.35
	1/99	≤21.5/0.25	≤22.2/0.3
PDL (dB)		≤0.10	≤0.15
Directivity (dB)		≥55	
Operating temperature (℃)		0 ~ +70	
Storage temperature (℃)		-40 ~ +85	

Package Information

Configuration	1x2 or 2x2
Fiber length	1m, others on request
Fiber Type	SMF-28e or RC80 SM1550（长飞）
Pigtail type	250μm bare fiber
Dimensions(φ×L)(mm)	Φ2.4×L22 (K)orΦ2.4×L25(J)orφ2.4×L30(H)φ3.0×L35(F)

Ordering Information

FSMC	Wavelength	Port Type	Coupling Ratio	Grad	Package	Fiber typ	Size	0	Pigtail Type	Length	Connector
	3=1310nm 5=1550nm	1=1x2 2=2x2 …..	1=1/99 2=2/98 3=3/97 4=4/96 5=5/95 A=10/90 B=20/80 C=30/70 E=40/60 E=50/50	P=Pgrade A=Agrade	F=(3*L35) G=(Φ3*30) H=(Φ2.4*L30) J=(Φ2.4*L25) K=(Φ2.4*L22)	0=SMF-28e 1=RC80 SM1550（长飞）	M=Mini size	0	1=250um bare fiber 8=RC80um bare fiber	H= 0.5m 8= 0.8m 1= 1m 5= 1.5m 2=2m	0=None 1=FC/UPC 2=FC/APC 3=LC/UPC 4=LC/APC 5=SC/UPC 6=SC/APC